

PATENT ABSTRACTS OF JAPAN

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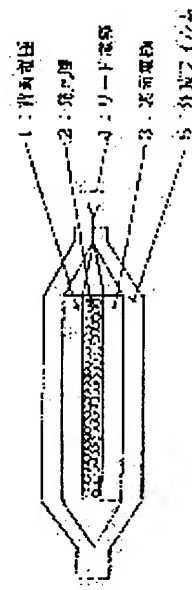
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(54) PRODUCTION OF EL ELEMENT

(57)Abstract:

PURPOSE: To produce a dispersion type EL element having a superior light emitting surface which does not cause blackening by forming a thin metallic film as a rear electrode by vacuum deposition at a specified rate on a laminated body consisting of light emitting layer which emits light in an AC electric field and a electrically conductive transparent film as a front electrode.

CONSTITUTION: A light emitting layer 2 consisting of fine particles of a luminous body such as ZnS and a binder having a high dielectric constant is formed on the surface of an electrically conductive transparent film 3 as a front electrode and a rear electrode 1 of a metal such as Al is formed on the layer 2 by vacuum deposition at $\geq 70\text{Å}/\text{sec}$ rate. The thickness of the electrode 1 is $2,000\text{Å}$. A dispersion type electroluminescent (EL) light emitting element having superior characteristics as a plane light source is obtd. The light emitting surface of the element does not cause blackening.



LEGAL STATUS

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